

METHOD FOR COMMUNICATION BETWEEN
CONTACTLESS-TYPE DATA CARRIERS AND TERMINALS

REPLACEMENT CLAIMS

11. (New) A method for bi-directional communication between contactless-type data carriers and terminals which are provided with devices for radiating electromagnetic waves for nongalvanic, electromagnetic coupling with the data carriers, characterized in that the data transfer rate is fixed in accordance with the distance of data transfer to be bridged, and the transmitting power of the terminal is varied in steps in accordance with the data transfer rate.

12.. (New) A method according to claim 11, characterized in that the data transfer rate corresponding to the data transfer distance to be bridged is fixed by an additional communication step at the onset of data transfer.

13. (New) A method according to Claim 12, characterized in that the additional communication step is constructed such that the terminal emits a signal pattern before the onset of communication as an identification code for the particular data transfer rate.

14. (New) A method according to Claim 13, characterized in that the signal pattern as an identification code for the particular data transfer rate is amplitude- and/or phase-modulated.

REPLACEMENT CLAIMS

15. (New) A method according to Claim 11, characterized in that the transmitting power of the terminal is varied in two steps for a small data transfer distance and a larger data transfer distance.

16. (New) A contactless-type data carrier for bidirectional communication with terminals by the method according to claim 11, characterized in that the data carrier has communication ability at different data transfer rates in accordance with the data transfer distance.

17. (New) A terminal for bidirectional communication with contactless-type data carriers by the method according to claim 11, characterized in that the terminal is provided, for a data transfer rate dependent on the data transfer distance, with control means for varying its transmitting power in steps in accordance with the data transfer rate.